

CLASSIFICATION ~~CONFIDENTIAL~~
 SECURITY INFORMATION
 CENTRAL INTELLIGENCE AGENCY
 INFORMATION FROM
 FOREIGN DOCUMENTS OR RADIO BROADCASTS

REPORT

CD NO.

50X1-HUM

COUNTRY USSR

DATE OF
INFORMATION 1952

SUBJECT Economic; Technological - Textile machinery

DATE DIST. 5 JAN 53

HOW
PUBLISHED Daily newspapersWHERE
PUBLISHED USSR

NO. OF PAGES 2

DATE
PUBLISHED 2 Aug - 30 Sep 1952

LANGUAGE Russian

SUPPLEMENT TO
REPORT NO.

THIS DOCUMENT CONTAINS INFORMATION AFFECTING THE NATIONAL DEFENSE
 OF THE UNITED STATES WITHIN THE MEANING OF ESPIONAGE ACT 50
 U. S. C. 31 AND 32, AS AMENDED. ITS TRANSMISSION OR THE REVELATION
 OF ITS CONTENTS IN ANY MANNER TO AN UNAUTHORIZED PERSON IS PRO-
 HIBITED BY LAW. REPRODUCTION OF THIS FORM IS PROHIBITED.

THIS IS UNEVALUATED INFORMATION

SOURCE Newspapers as indicated.

NEW SOVIET TEXTILE MACHINERY

PRODUCE NEW TEXTILE MACHINES -- Leningradskaya Pravda, 30 Sep 52

The Leningrad Plant imeni Karl Marx has manufactured a long machine several meters high for the production of caprone fiber. In productivity, this type of machine can replace a small mill.

A new model of spinning machine for viscose staple is being assembled at the experimental shop of the plant. This machine is exceptional for its high productivity. It will process $2\frac{1}{2}$ times as much fiber as machines of earlier designs.

MASS PRODUCTION OF SPINDLES FOR TEXTILE MACHINES -- Moscow, Moskovskaya Pravda, 2 Aug 52

The productivity of twisting machines and spinning frames depends on the speed of their spindles. Until now, 14,000 revolutions per minute was considered the maximum speed. A further increase in the number of revolutions caused thread breakage because of vibration, and spindle parts wore rapidly.

V. I. Semenov, designer at the Leningrad Plant imeni Karl Marx, in cooperation with scientists at the Polytechnical Institute imeni M. I. Kalinin and the Institute of Machine Practice of the Academy of Sciences USSR, developed high-speed wear-resistant spindles. The new spindles increased the speed of textile machines 20-30 percent.

The plant imeni Karl Marx has started mass production of the new spindles.

NEW MACHINES FOR TEXTILE ENTERPRISES -- Moscow, Moskovskaya Pravda, 5 Sep 52

The Moscow Plant imeni Pervoye Maya is an experimental enterprise of the Ministry of Light Industry USSR. New models of machines for textile production are manufactured in its shops.

- 1 -

CLASSIFICATION		CONFIDENTIAL		DISTRIBUTION									
STATE	<input checked="" type="checkbox"/> NAVY	<input checked="" type="checkbox"/> NSRB											
ARMY	<input checked="" type="checkbox"/> AIR	<input checked="" type="checkbox"/> FBI											

CONFIDENTIAL

50X1-HUM

It recently assembled a cop-winding automatic of improved design. The automatic has brought about radical changes in the process of preparing linen yarn. Until now, complete mechanization of all operations had not been possible.

According to the plan, two such machines were to be produced by the end of September. However, they are now completely assembled and ready for shipment to mills.

Two four-stage silk-twisting machines, three silk-winding machines, and several machines for processing fine astrakhan and rabbit furs have been manufactured ahead of schedule. In addition, 2,500 roller spindles for spinning rayon have been produced above plan.

The production of a new rerolling machine, a device for drawing packed sliver, will be mastered shortly.

The average monthly output of spinning spindles is increasing from 29,000 to 32,000.

PRODUCE 26 WINDING MACHINES IN AUGUST -- Moscow, Moskovskaya Pravda, 10 Sep 52

The Klimovsk Machine-Building Plant produced 26 winding and several warp machines in August.

MOISTURE REGULATORS FOR TEXTILE ENTERPRISES -- Riga, Sovetskaya Latviya, 7 Aug 52

The experimental plant of the Ivanovo Scientific Research Institute of the Cotton Industry has manufactured the first four sets of automatic moisture regulators for warp yarns. They were designed by A. V. Avmochkin, senior scientific associate of the institute and Stalin Prize winner.

The plant has started shipping the new apparatuses to textile enterprises throughout the country.

- E N D -

- 2 -

CONFIDENTIAL

